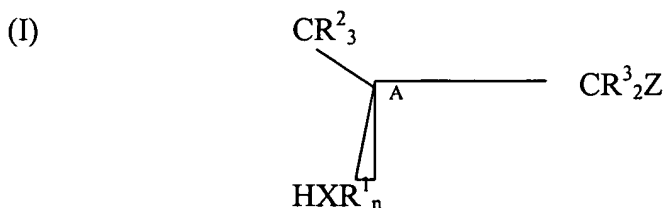


Amendments to the Claims:

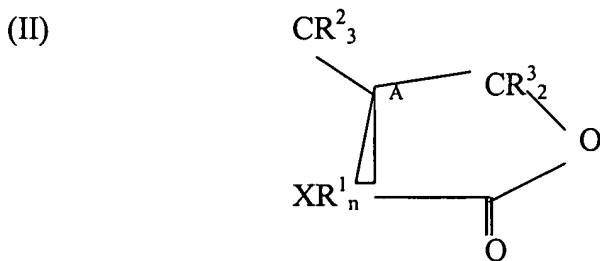
The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (withdrawn): Process for the preparation of enantiomerically pure compounds of formula I:



comprising contacting a compound of formula II:



with a source of hydrogen at ambient temperature and elevated pressure in the range 1 – 10 atm for a period which is other than 2 hours or less (proviso taking basis from D3); alternatively for a period of 43 hours (taking basis from Examples); alternatively for a period in the range 43 to 93 hours (taking basis from examples) in the presence of a hydrogenation catalyst which is homogeneous or heterogeneous and comprises a metal selected from the transition metals of Group VIII of the Periodic Table of the Elements and a catalytic support; or

with a source of fluorine as a fluorination agent which comprises gaseous or liquid phase HF and a carrier, at temperature in the range 0 – 20C and ambient pressure for a period of 24 hours

wherein A is an enantiomerically pure centre CH; Z is hydrogen or fluoro
 X is selected from oxygen, sulphur and nitrogen and n is selected from 0
 and 1 and is equal to the valence of X less 2; and
 R¹ to R³ are as defined below

and wherein each R¹ is independently selected from hydrogen or from straight chain or
 branched, saturated or unsaturated C₁₋₈ hydrocarbon optionally substituted
 by one or more hydroxy, halo, aryl, cyclo C₁₋₈ alkyl;

 each R³ is independently selected from hydrogen or halo; and straight and
 branched chain, saturated and unsaturated C₁₋₄ alkyl, alkenyl and alkynyl
 and aryl;

 each optionally substituted by hydroxy, halo, saturated or unsaturated C₁₋₄
 alkyl, alkenyl or alkynyl, aryl, cyclo C₁₋₆ alkyl, carbonyl, carboxyl, amino,
 amido;

 each R² is independently selected from hydrogen, straight chain and
 branched, saturated and unsaturated C₁₋₈ alkyl, optionally substituted by
 hydroxy, halo, aryl, cyclo C₁₋₆ alkyl, carbonyl, carboxyl, amino, amido.

Claim 2 (withdrawn): Process as claimed in Claim 1 wherein X is nitrogen whereby n is 1.

Claim 3 (withdrawn): Process as claimed in Claim 1 wherein R³ is selected from ethenyl, ethynyl and optionally substituted phenyl.

Claim 4 (withdrawn): Process as claimed in Claim 1 wherein at least one and preferably both of R^3 are aryl.

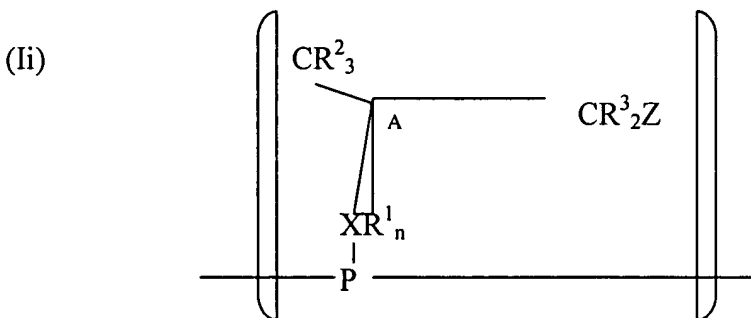
Claim 5 (withdrawn): Process as claimed in Claim 1 wherein R^2 is selected from optionally hydroxy, halo or alkoxy substituted branched and straight chain C_{1-6} alkyl, including methyl, ethyl, i-propyl, i-butyl, t-butyl; and aryl including phenyl and benzyl.

Claim 6 (withdrawn): Process as claimed in Claim 1 wherein X is nitrogen wherein n is 1 and R^1 is H, i.e. the compound is a primary amine.

Claim 7 (withdrawn): Process as claimed in Claim 1 wherein a catalyst comprises Pd with C as catalytic support.

Claim 8 (withdrawn): Process as claimed in Claim 1 wherein a fluorination agent is liquid phase HF-pyridine.

Claim 9 (withdrawn): Process for preparation of enantiomerically pure polymer comprising a repeating unit of the formula Ii:



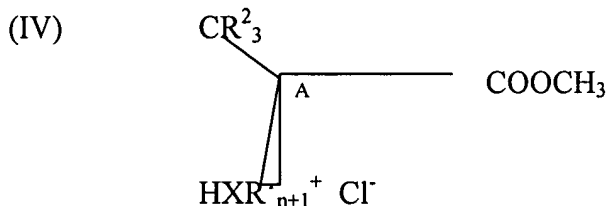
wherein P is derived from a polymerisable monomer or oligomer and X, R^1 , R^2 , R^3 , Z and A are as hereinbefore defined in Claim 1; and

wherein a polymerisable monomer is selected from the group consisting of: an epoxy resin; an addition-polymerisation resin; a formaldehyde condensate resin; a cyanate resin; and an isocyanate resin; polyaromatics; monomers of natural polymers including carbohydrates, polypeptides and proteins

including starch, celluloses, collagen, gelatin, dextrans, alginates, chitin and chitosan; and monomers of biodegradable and/or biocompatible polymers including poly(lactic acid), poly(glycolic acid), polycaprolactone, polyorthoesters, polyanhydrides, polyaminoacids and azo polymers; and mixtures thereof.

Claim 10 (withdrawn): Process for preparation of a library of enantiomerically pure compounds comprising:

reacting one or more compounds of formula IV

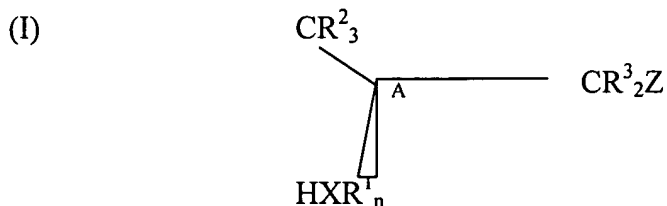


Wherein R^1 , R^2 and A are as hereinbefore defined in Claim 1

with a plurality of compounds of formula V R^2MgBr , and converting via compounds of formula II as hereinbefore defined in Claim 1 to compounds of formula I as hereinbefore defined in Claim 1; and

optionally labelling the support or vessel with means to identify the synthetic history of the supported or contained compound.

Claim 11 (currently amended): An enantiomerically pure compound of the formula I wherein X is N and n is 1



wherein A is an enantiomerically pure centre CH; Z is hydrogen or fluoro;

and wherein R^1 is selected from hydrogen or from straight chain or branched, saturated or unsaturated C_{1-8} hydrocarbon optionally substituted by one or more hydroxy, halo, aryl, cyclo C_{1-8} alkyl;

each R^3 is independently selected from hydrogen or halo, except when $Z = F$, then $R^3 \neq F$; or straight or branched chain, saturated or unsaturated C_{1-4} alkyl, alkenyl, alkynyl or aryl;

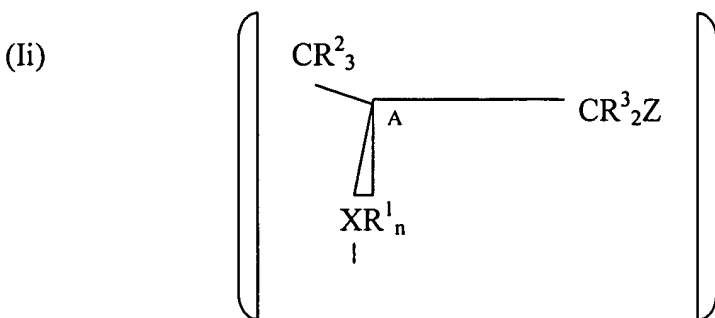
each optionally substituted by hydroxy, halo, saturated or unsaturated C_{1-4} alkyl, alkenyl or alkynyl, aryl, cyclo C_{1-6} alkyl, carbonyl, carboxyl, amino, amido;

each R^2 is independently selected from hydrogen, straight chain or branched, saturated or unsaturated C_{1-8} alkyl, alkenyl, or alkynyl; each optionally substituted by hydroxy, halo, aryl, cyclo C_{1-6} alkyl, carbonyl, carboxyl, amino, amido, or aryl; and

one R^1 and one of R^2 together may form an alkylene group as part of a heterocyclic ring;

with the proviso that when two of R^2 are hydrogen, CR^3_2 is CPh_2 and Z is hydrogen, R^1 and the other R^2 do not form together a five membered heterocyclic (pyrrolidone) ring.

Claim 12 (withdrawn): Enantiomerically pure polymer comprising a repeating unit of the formula Ii:



_____ P _____

wherein P is derived from a polymerisable monomer or oligomer selected from the group consisting of: an epoxy resin; an addition-polymerisation resin; a formaldehyde condensate resin; a cyanate resin; and an isocyanate resin; polyaromatics; monomers of natural polymers including carbohydrates, polypeptides and proteins including starch, celluloses, collagen, gelatin, dextrans, alginates, chitin and chitosan; and monomers of biodegradable and/or biocompatible polymers including poly(lactic acid), poly(glycolic acid), polycaprolactone, polyorthoesters; and

X, R¹, R², R³, Z and A are as hereinbefore defined In Claim 1.

Claim 13 (withdrawn): Library of enantiomerically pure compounds of formula I as hereinbefore defined in Claim 11.

Claim 14 (withdrawn): Pharmaceutical, veterinary product or agrochemical composition comprising an enantiomerically pure compound of formula I, II or III as hereinbefore defined in Claim 11 with suitable diluents, adjuvants, carriers.

Claim 15 (withdrawn): The compound as claimed in claim 11, wherein R³ is selected from a group consisting of ethenyl, ethynyl and optionally substituted phenyl.

Claim 16 (withdrawn): The compound as claimed in claim 11, wherein at least one R³ is aryl.

Claim 17 (withdrawn): The compound as claimed in claim 11, wherein R² is selected from a group consisting of optionally hydroxyl, halo or alkoxy substituted branched and straight chain C₁₋₆ alkyl, including methyl, ethyl, i-propyl, i-butyl, t-butyl; and aryl.

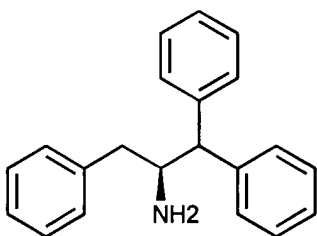
Claim 18 (withdrawn): The compound as claimed in claim 11, wherein X is nitrogen, n is 1 and R¹ is H.

Claim 19 (withdrawn): The compound as claimed in claim 11, wherein each R^2 is independently selected from hydrogen or aryl.

Claim 20 (withdrawn): The compound as claimed in claim 11, wherein at least one R^3 is aryl.

Claim 21 (withdrawn): The compound as claimed in claim 11, wherein R^2 is phenyl or benzyl.

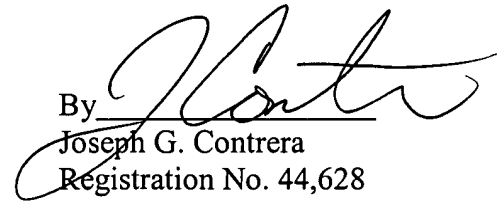
Claim 22 (previously presented) The compound as claimed in claim 11, wherein R^1 is hydrogen, CR^2_3 is CH_2Ph , CR^3_2 is CPh_2 and Z is hydrogen as shown in formula III:



Respectfully submitted,

JACOBSON HOLMAN PLLC

Date: August 30, 2004
(202) 638-6666
400 Seventh Street, N.W.
Washington, D.C. 20004
MRS/JGC/
Atty. Dkt. No.: P66645US0

By 
Joseph G. Contrera
Registration No. 44,628